Procedure for Downloading the AWM database 2.81 with the NEW Michigan NOAA 2014 climate data and manure production values in accordance with the 2016 Manure GAAMPs.

Michigan NRCS updated the AWM database 2.81 to reflect the NOAA 2014 climate data set and 25 year-24 hour storm values. In addition, the 2016 Manure GAAMPs adopted the ASAE D384.2 livestock excretion values. The NRCS 2008 data source is consistent with the ASAE D384.2 and the Manure GAAMPs. As part of the AWM database revision two additional animals were added for production. Those animal types include a Milker (88lb Milk) and Veal (260lbs). These two animal groups were added in order to be consistent with the Michigan Manure GAAMPs book values in Table 4.

1. Go to NRCS-MI webpage.
   a. Select Topics/Technical Resources/Engineering/Manure Management
      http://www.nrcs.usda.gov/wps/portal/nrcs/main/mi/technical/ecoscience/manure/
   b. Located in the middle of the page is in bold title
      i. **Animal Waste Management Data Base**

2. Right Click on the awm2.81_data.new file and select "Save Target As"
   a. Put the file in a temporary folder where you can find it again such as "Downloads"
   b. This should save it as a .mdb file once its downloaded and show as "awm_data"

3. Now copy that file and place it in the C:\Program Files (x86)\USDA\AWM 2.4 folder. A Window will come up and REPLACE the existing file with this file; select YES

4. Then open up the AWM program; select the NRCS 2008 data source in the Start screen and Michigan for the State.

   a. Go to the animal Tab; select Dairy and you should see as a choice; Milker (88lb Milk) as an option. This is the GAAMPs Book Value now for lactating dairy cows manure production values. When you do not know what the dairy operations lactating herd's milk production is you NEED to be defaulting to the Manure GAAMPs value; "Milker (88lb Milk) for manure production.

If you have any questions please call Suzanne Reamer at 517-290-6145

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